

Dryden Research Library Newsletter

July 2001

Dryden Research Library is located in Bldg. 4800 Room 2412. Contact us at Ext. 3702 or 3127. Check out our home page: <http://www.dfrc.nasa.gov/organizations/Library/index.html>.

You can email Barbara Rogers or Cheryl Logan for any of your library needs. The library Newsletter is best viewed using Eudora 5.0.

ATTENTION:

AIAA Meeting papers and Journals for 2000 and 2001 are now available. Use the AIAA Journals and Papers link on the Library home page. We will also have access to the 1996-1999 Meeting Papers and 1997-1999 AIAA journals, as they become available at the AIAA web site.

The Agency-wide Full-text Technical Standards System has been updated. You will need to register to gain access. Use the NASA Standards Home Page link on the Library home page.

New Books

The Library has received several new books:

HA202.S73 1999 REFERENCE [Statistical Abstract Of The United States: The National Data Book](#);
HB171.5.L95 [Basic Economic Principles](#) by Robert A. Lyn;
HB171.5.S25 1964 [Economics An Introductory Analysis](#) by Paul Anthony Samuelson;
HD31.M36 [Production Management](#) by Raymond R. Mayer;
HD31.M4568 1989 [Mintzberg On Management: Inside Our Strange World Of Organizations](#) by Henry Mintzberg;
HD58.8.B4 1987 [Organizational Transitions: Managing Complex Change](#) by Richard Beckhard;
HD58.8.B878 1987 [Organization Development: A Normative View](#) by W. Warner Burke;
HD58.9.S942 1992 [Successful Manager's Handbook](#) by Brian L. Davis;
HD62.15.D45 1995 [The Death And Life Of The American Quality Movement](#);
HJ2051.A595 C57 2000 REFERENCE [A Citizen's Guide To The Federal Budget, Budget Of The United States](#);
HD6060.3.R375H 1992 [The Federal Manager's Guide To Preventing Sexual Harassment](#) by Dennis K. Reischl;
JA51.S7 2000 REFERENCE [The Stateman's Year-Book](#)
JK421.N34 1996 [The Best Kept Secrets In Government: A Report To President Bill Clinton](#) by Albert Gore;
JK671.F385 2000 REFERENCE [Federal Employee's Almanac](#);
JK681.C5 1996 [Civil Service Reform: Building A Government That Works](#);
QA76.8.M3 M325 1993 [The Macintosh Bible: Thousands Of Basic And Advanced Tips, Tricks, And Shortcuts Logically Organized And Fully Indexed](#);
QB461.N47 1997 [A New Science Strategy For Space Astronomy And Astrophysics](#);
QC721.F87 1964 [Elementary Particles](#) by David H. Frisch;
QC911.R313 [Radiation Characteristics Of The Atmosphere And The Earth's Surface](#);
TJ213.O28 1997 [Modern Control Engineering](#) by Katsuhiko Ogata;
TL787.5.S8 1963 [Astronautical Engineering And Science, From Peenem*unde To Planetary Space: Honoring The Fiftieth Birthday Of Wernher Von Braun](#) by Ernest Stuhlinger;
NASA-SP-4523 [The Eclipse Project](#) by Tom Tucker;

THIS MONTH IN HISTORY

July 1, 1954 - NACA HSFRRS redesignated the NACA High-Speed Flight Station.

July 4, 1982 - President Ronald Reagan headed list of 45,000 guests at Dryden watching the fourth Space Shuttle landing. Crowd of 500,000 watched from East Shore public viewing site.

July 10, 1986 - F-111 Mission Adaptive Wing research aircraft flew Mach 1 for the first time, with Rogers Smith part of two-person crew. Program tested wing with no ailerons, flaps, or slats. The camber changed mechanically in flight based on performance and mission.

[July 12, 1991](#) - First flight of F-18 High Alpha (Angle-of-Attack) Research Vehicle (HARV) with thrust vectoring system engaged to enhance control and maneuvering at high angles of attack; 104th flight of the HARV, which arrived at Dryden Oct. 22, 1984, and initially flew a series of missions without thrust vectoring to obtain experience with aerodynamic measurements at high angles of attack and to develop the flight research techniques needed for this measurement.

[July 1, 1992](#) - Single-day Dryden record of six missions tied by X-29 No. 2 after the aircraft returned to flight for a 60-flight Air Force study using vortex flow controls on nose to study improved control at high angles of attack.

[July 20, 1994](#) - 25th anniversary of Apollo 11 featured salute to Dryden's Lunar Landing Research Vehicle (LLRV), used to develop moon-landing training techniques.

[July 7, 1997](#) - The Pathfinder solar-powered, remotely piloted aircraft set a new, unofficial altitude record for solar-powered aircraft of 71,500 feet at the Pacific Missile Range Facility, Kaua'i, HI, breaking its previous records of 50,567 feet set on Sept. 11, 1995, and 67,350 on June 9, 1997.

[July 30, 1997](#) - NASA's first X-38 Advanced Technology Demonstrator for a proposed Crew Return Vehicle from the International Space Station completed its first captive flight beneath B-52 008. Built by Scaled Composites of Mojave, Calif., the X-38 resulted from the cooperation of NASA's Johnson Space Center and DFRC.